

CALIFORNIA HIGH-SPEED TRAIN

Alternative Analysis Alignment Maps

San Jose to Merced

San Joaquin Valley Crossing Subsection
Henry Miller to Avenue 24 Alternative

April 2010

California High-Speed
Rail Authority





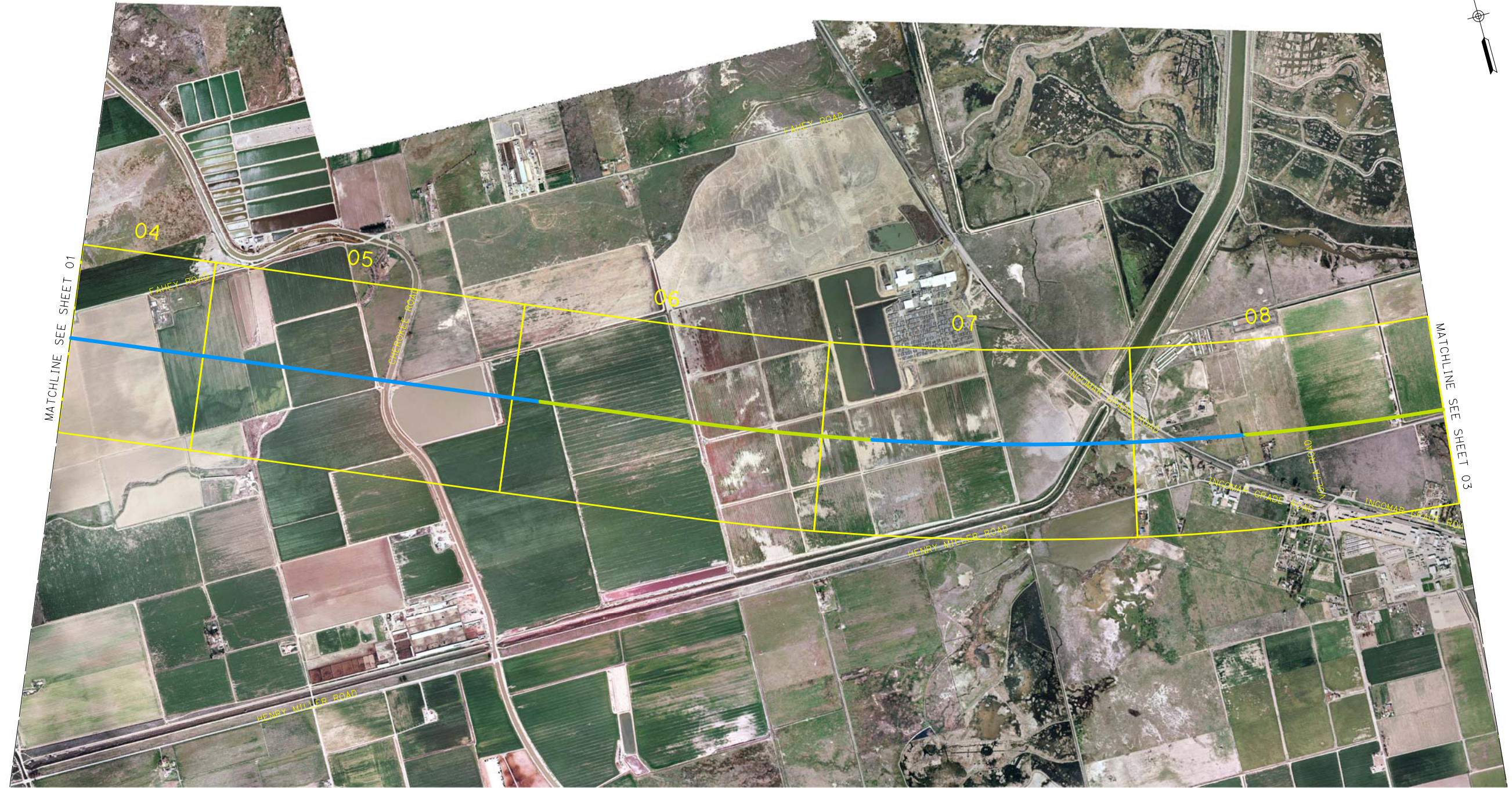
LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
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NOTES:
1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**
SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE
KEY MAP

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	NO SCALE
SHEET NO.	01 OF 08



LEGEND:

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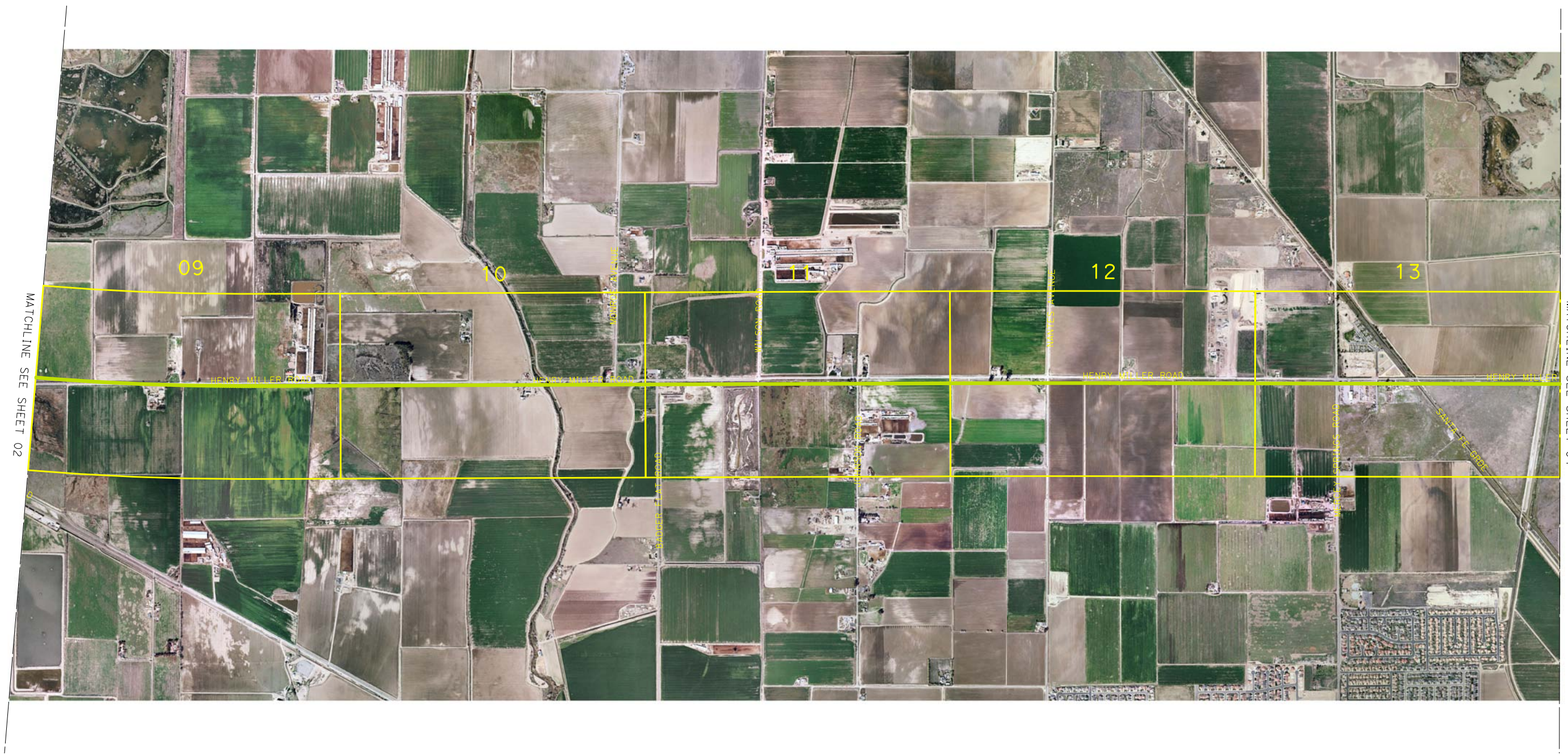
**PARSONS**

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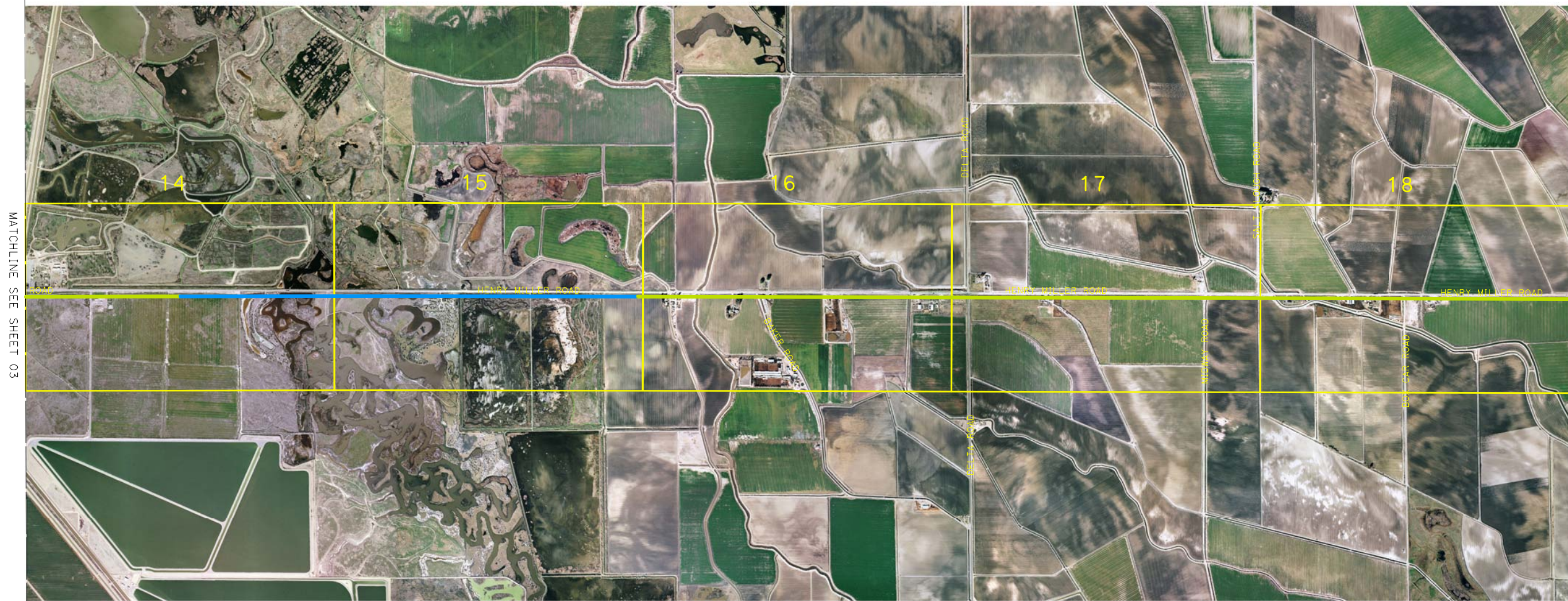
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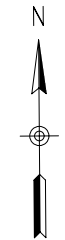
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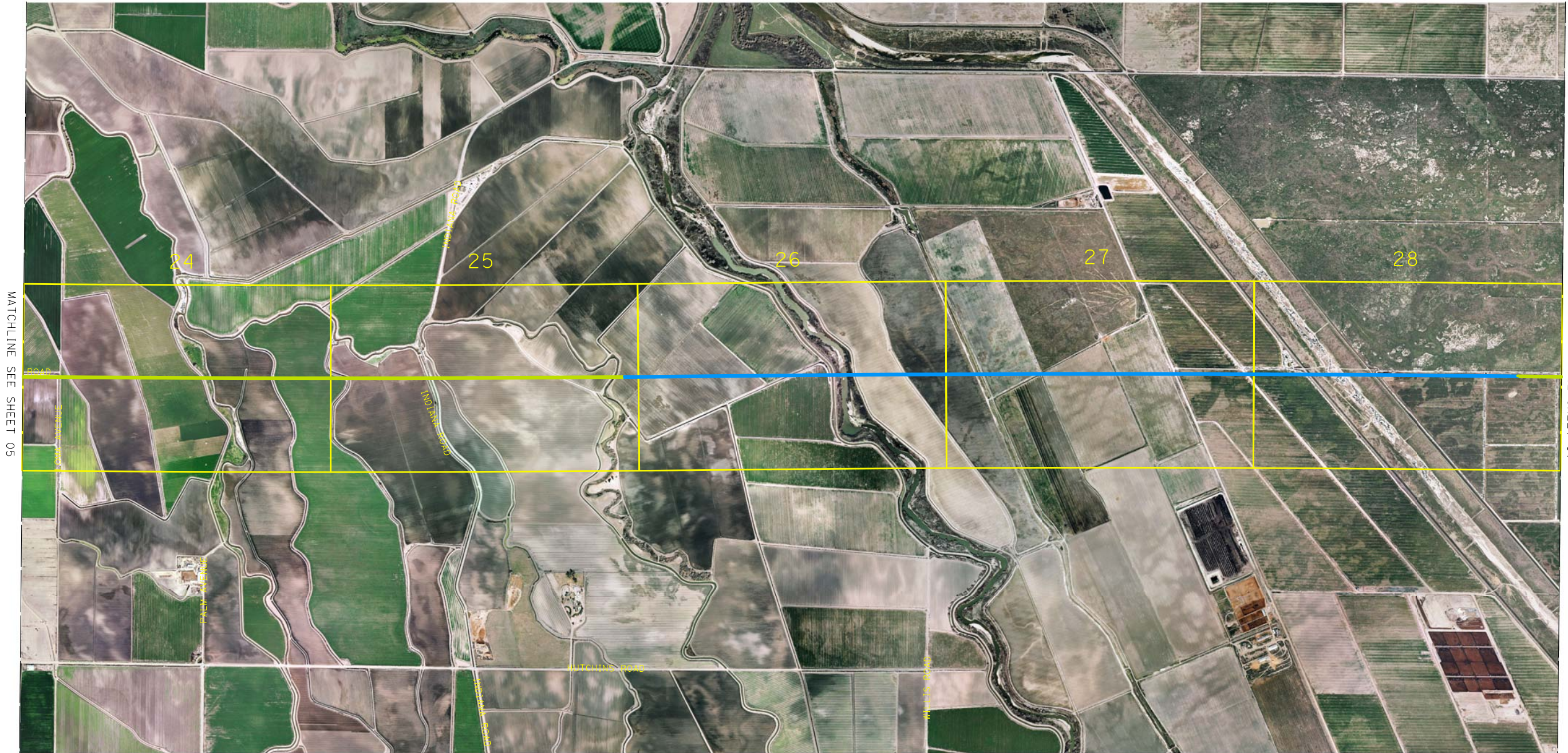
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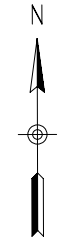
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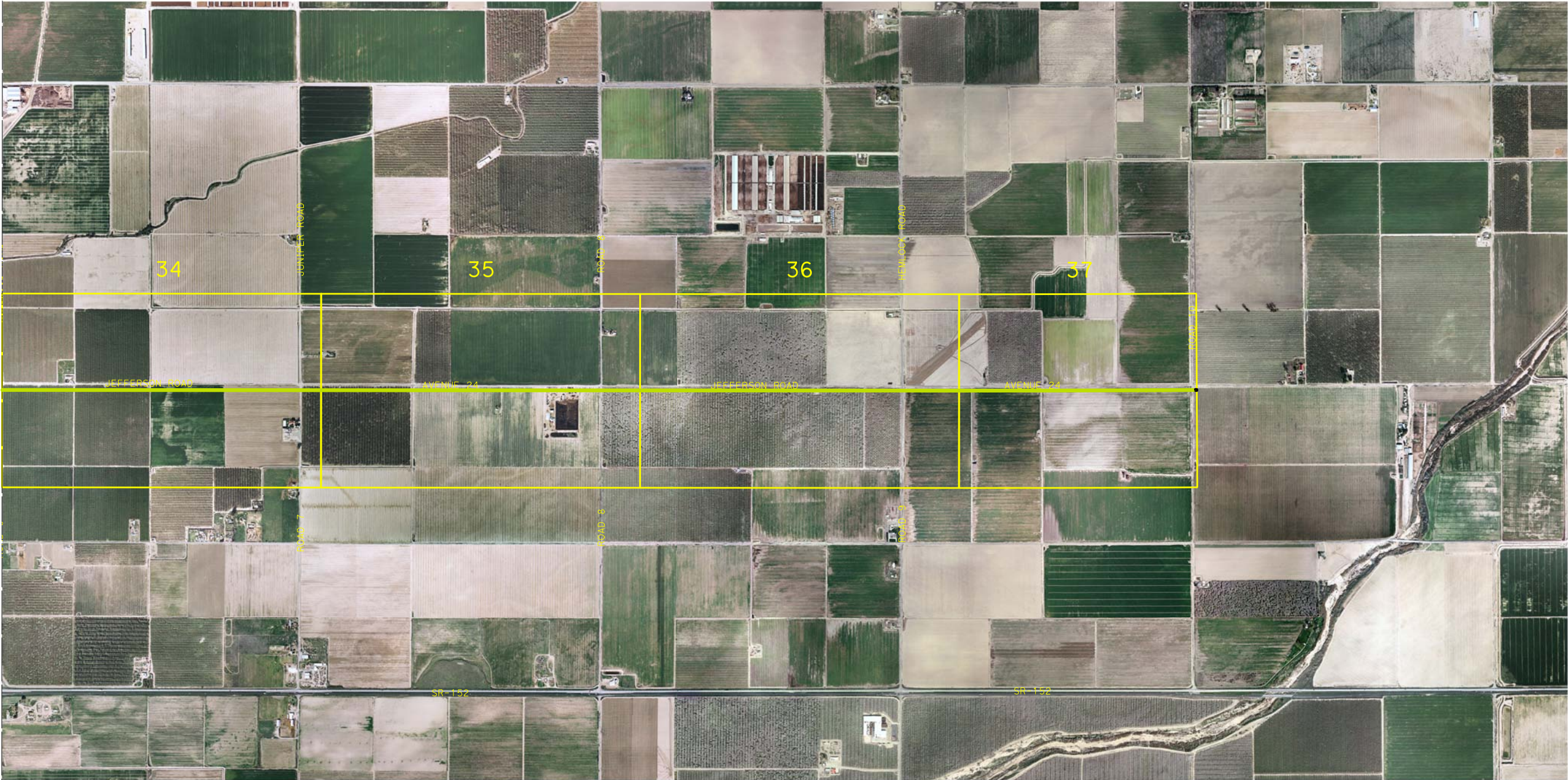
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MATCHLINE SEE SHEET 07



LEGEND:

AT GRADE ALIGNMENT

ELEVATED/AERIAL ALIGNMENT

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MATCHLINE SEE SHEET 02



<p>LEGEND:</p> <ul style="list-style-type: none">AT GRADE ALIGNMENTELEVATED/AERIAL ALIGNMENTUNDERGROUND/TRENCH ALIGNMENTRIGHT-OF-WAYEXISTING ROAD TO BE GRADE SEPARATEDEXISTING ROAD TO BE CLOSED	<p>NOTES:</p> <p>1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.</p> <p>2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.</p>			<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT</p> <p>SAN JOSE TO MERCED</p> <p>SAN JOAQUIN VALLEY CROSSING SUBSECTION</p> <p>HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE</p>	<table border="1"><tr><td>CONTRACT NO.</td><td>HSR08-05</td></tr><tr><td>DATE</td><td>04/2010</td></tr><tr><td>SCALE</td><td>AS SHOWN</td></tr><tr><td>SHEET NO.</td><td>01 OF 37</td></tr></table>	CONTRACT NO.	HSR08-05	DATE	04/2010	SCALE	AS SHOWN	SHEET NO.	01 OF 37
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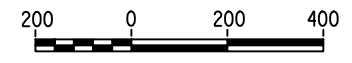
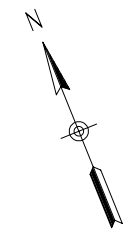
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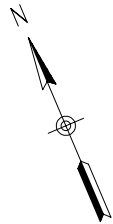
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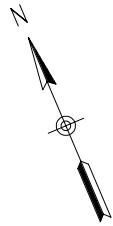
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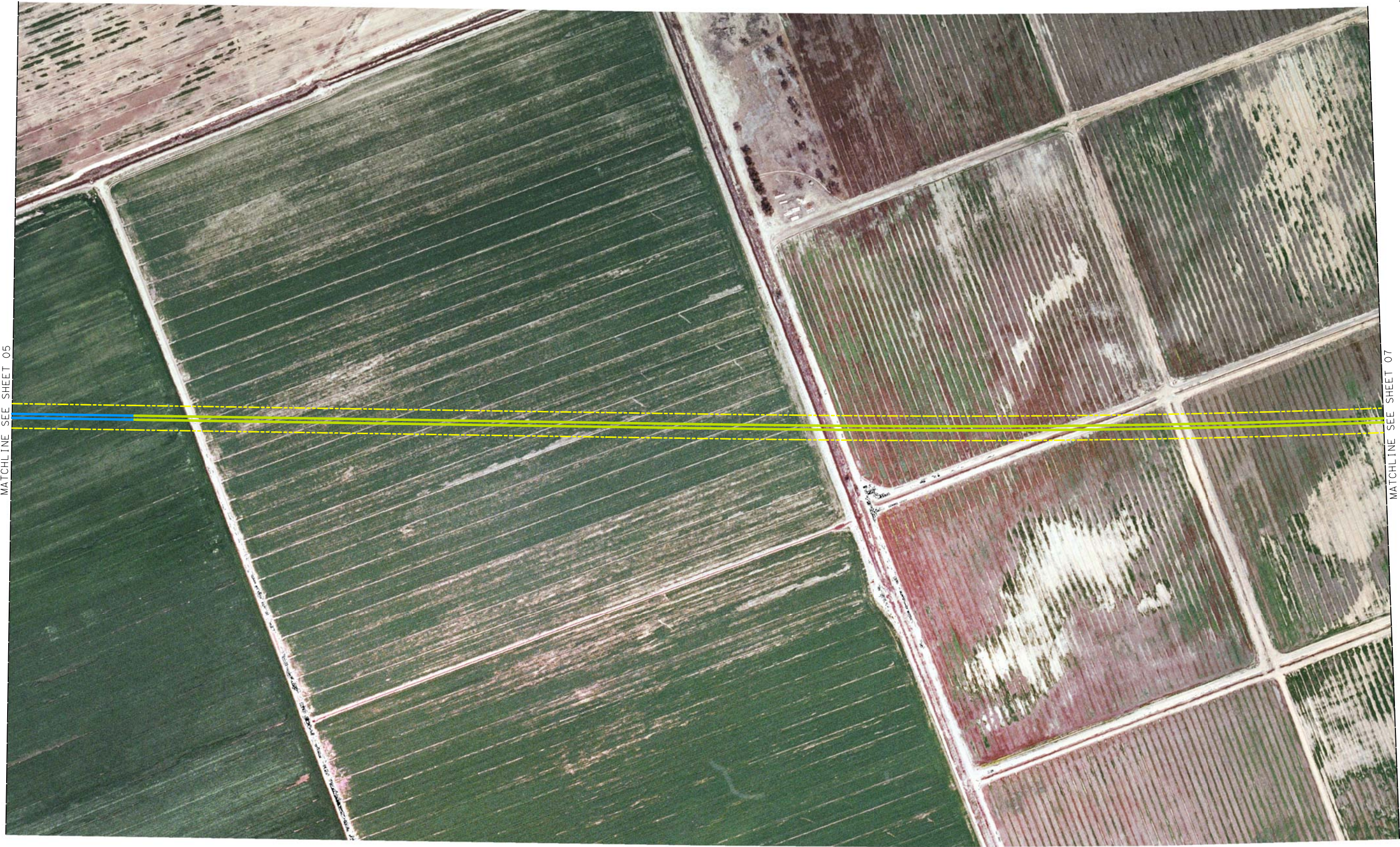
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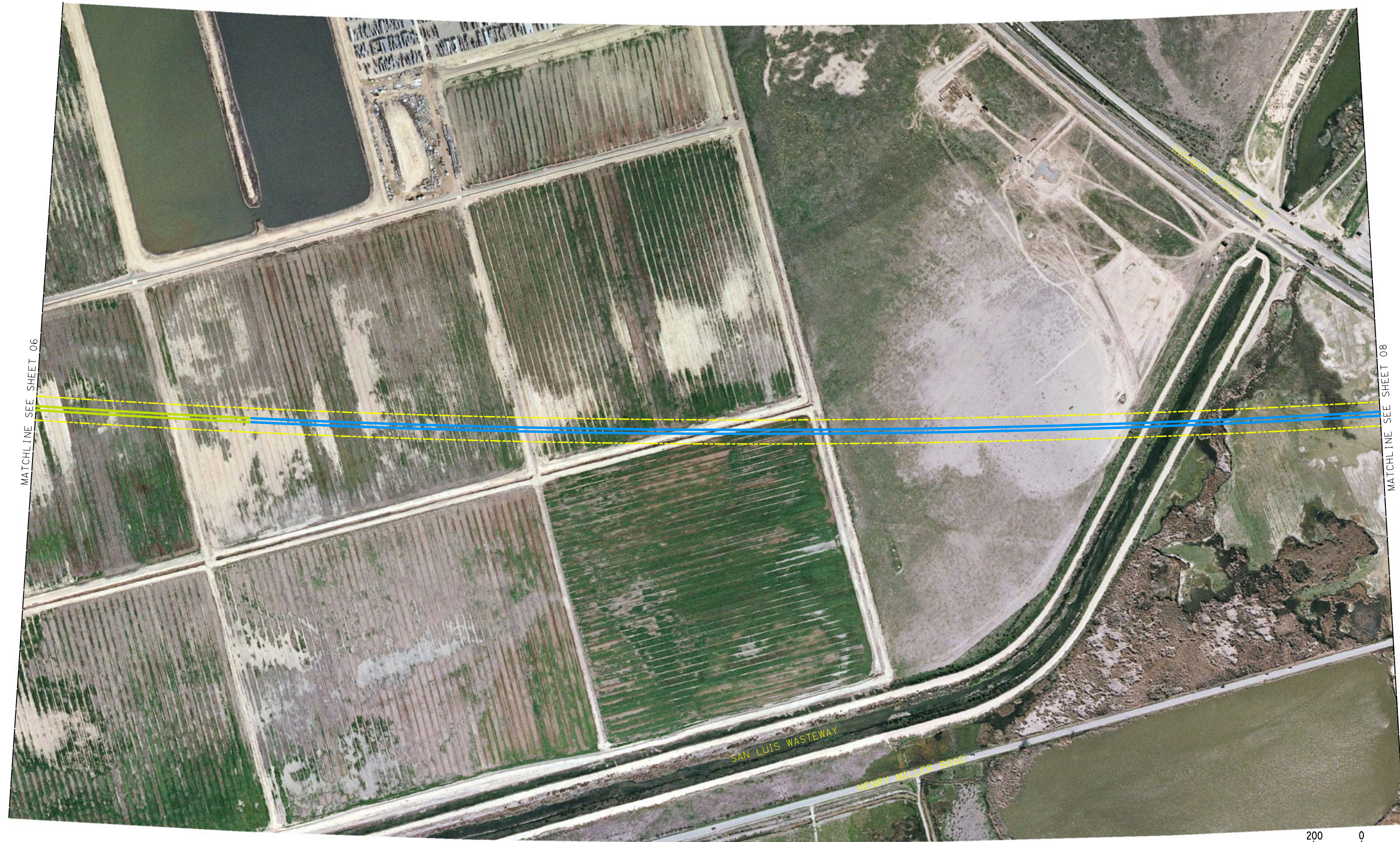
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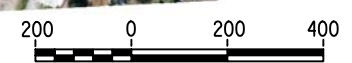
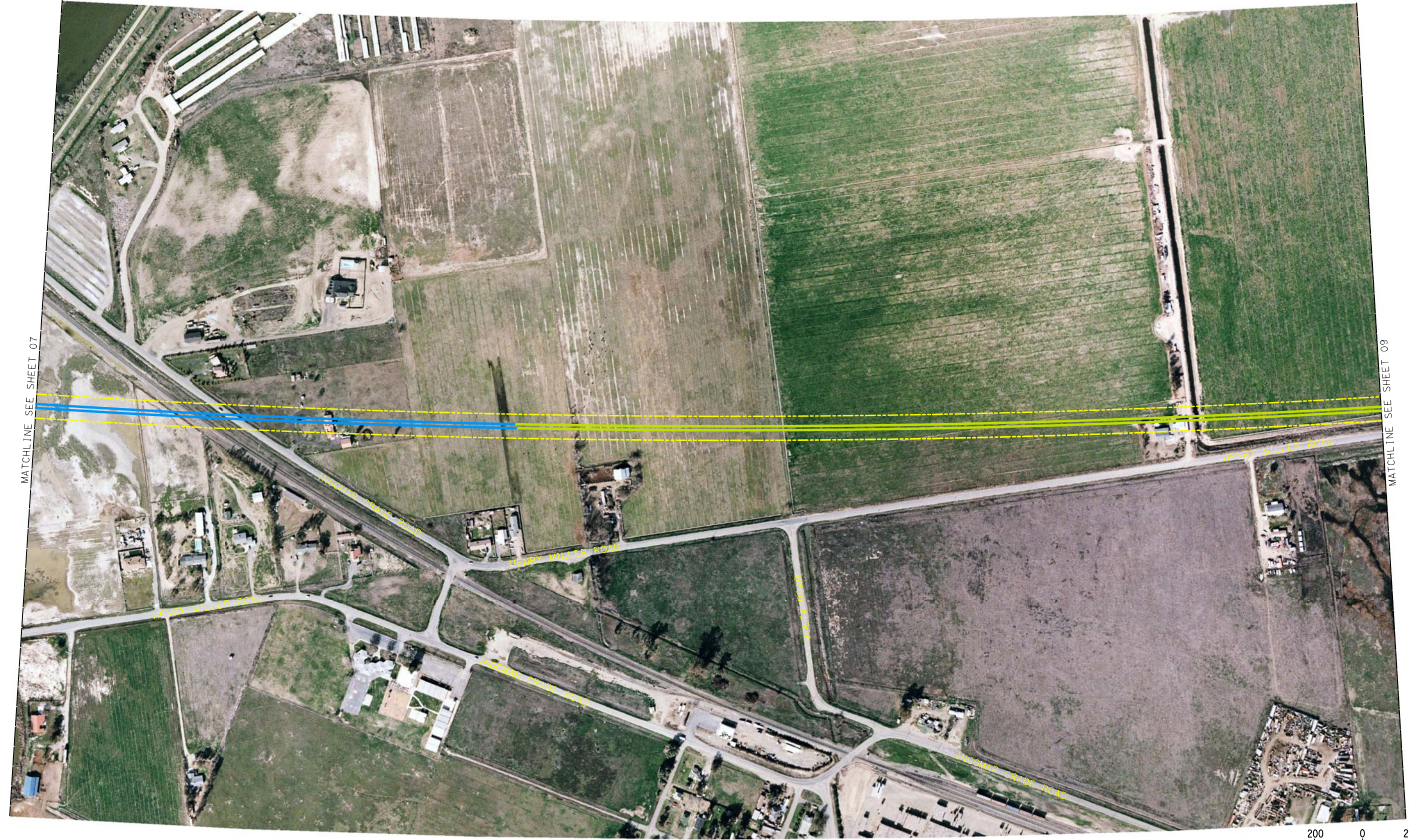
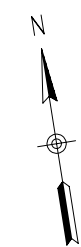
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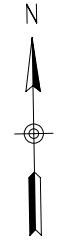
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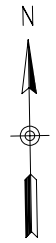
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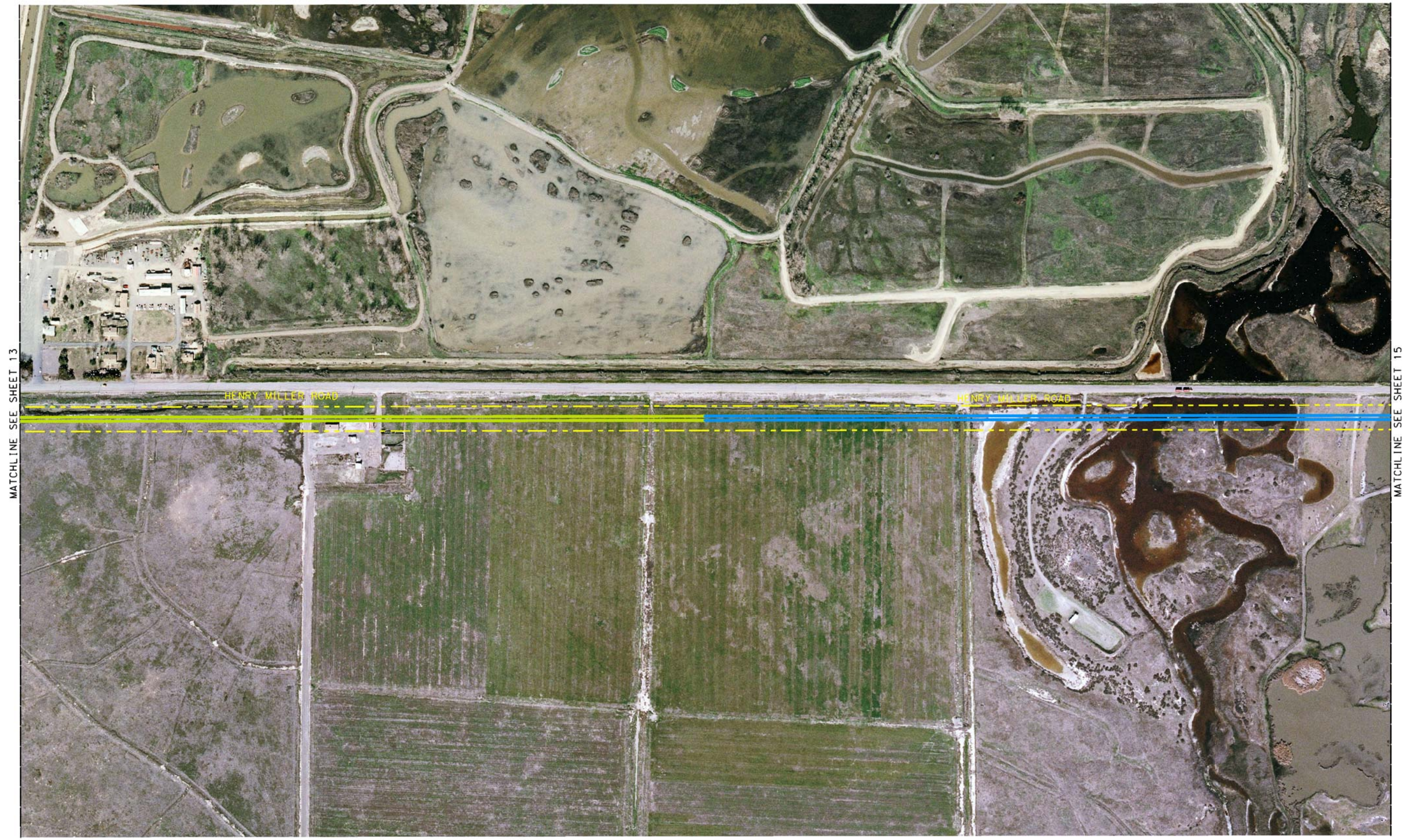
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MATCHLINE SEE SHEET 13

MATCHLINE SEE SHEET 15



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MATCHLINE SEE SHEET 16



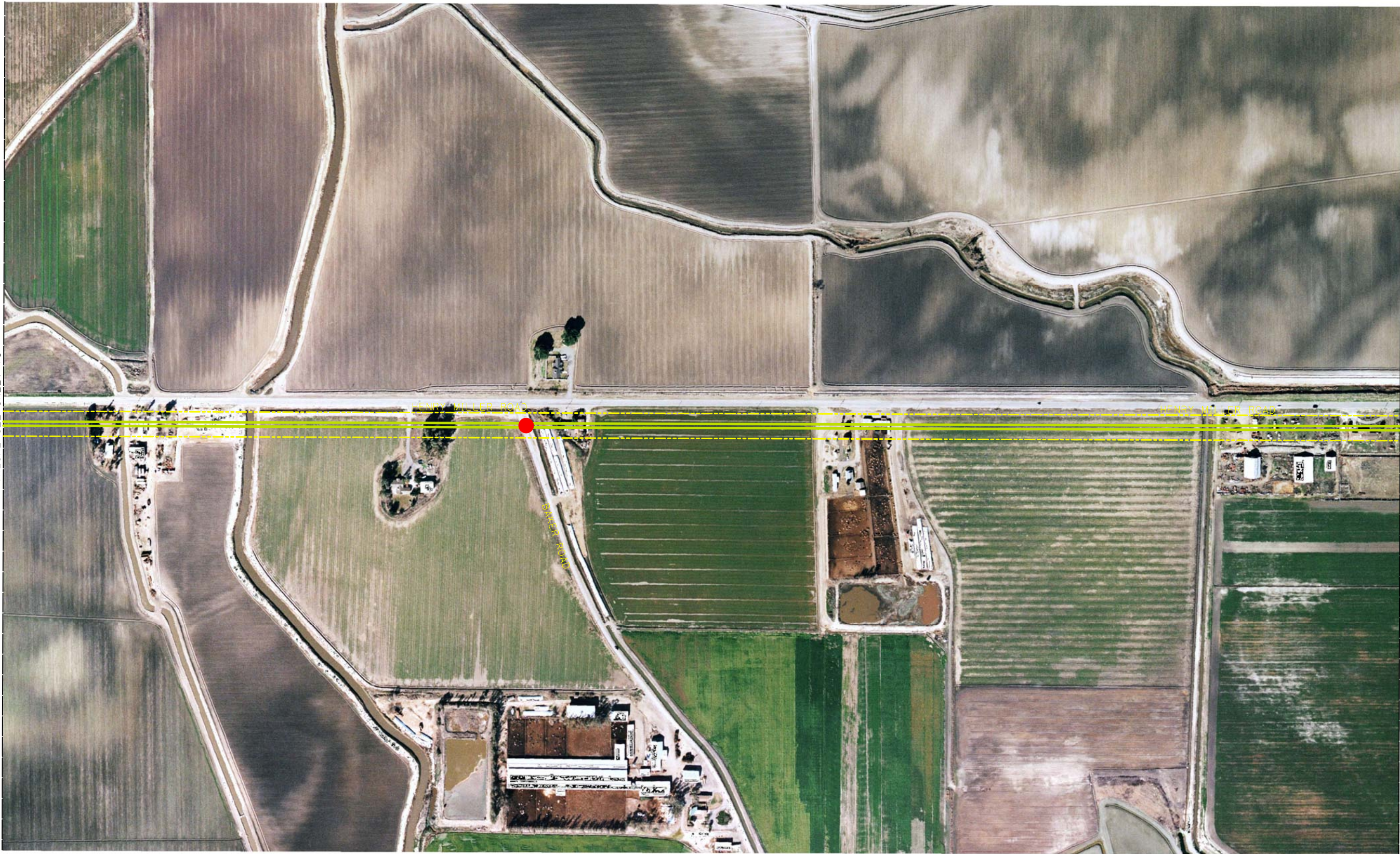
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	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:
1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.
2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.



**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**
SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
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LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

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CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	18 OF 37



MATCHLINE SEE SHEET 18



MATCHLINE SEE SHEET 20



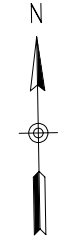
LEGEND:	
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	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

NOTES:
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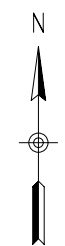


CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	19 OF 37



<p>LEGEND:</p> <ul style="list-style-type: none">AT GRADE ALIGNMENTELEVATED/AERIAL ALIGNMENTUNDERGROUND/TRENCH ALIGNMENTRIGHT-OF-WAYEXISTING ROAD TO BE GRADE SEPARATEDEXISTING ROAD TO BE CLOSED	<p>NOTES:</p> <p>1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.</p> <p>2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.</p>			<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT</p> <p>SAN JOSE TO MERCED</p> <p>SAN JOAQUIN VALLEY CROSSING SUBSECTION</p> <p>HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE</p>	<p>CONTRACT NO. HSR08-05</p> <p>DATE 04/2010</p> <p>SCALE AS SHOWN</p> <p>SHEET NO. 20 OF 37</p>
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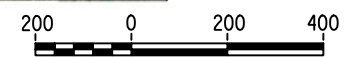
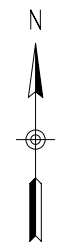
LEGEND:	
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	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**
SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE

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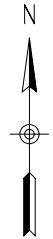
LEGEND:	
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	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**
SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE

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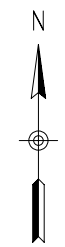
LEGEND:	
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	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**
SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE

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LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**
SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
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LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

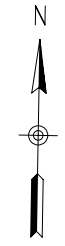
NOTES:
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**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
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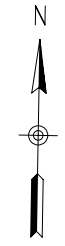
LEGEND:	
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	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
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MATCHLINE SEE SHEET 26



MATCHLINE SEE SHEET 28



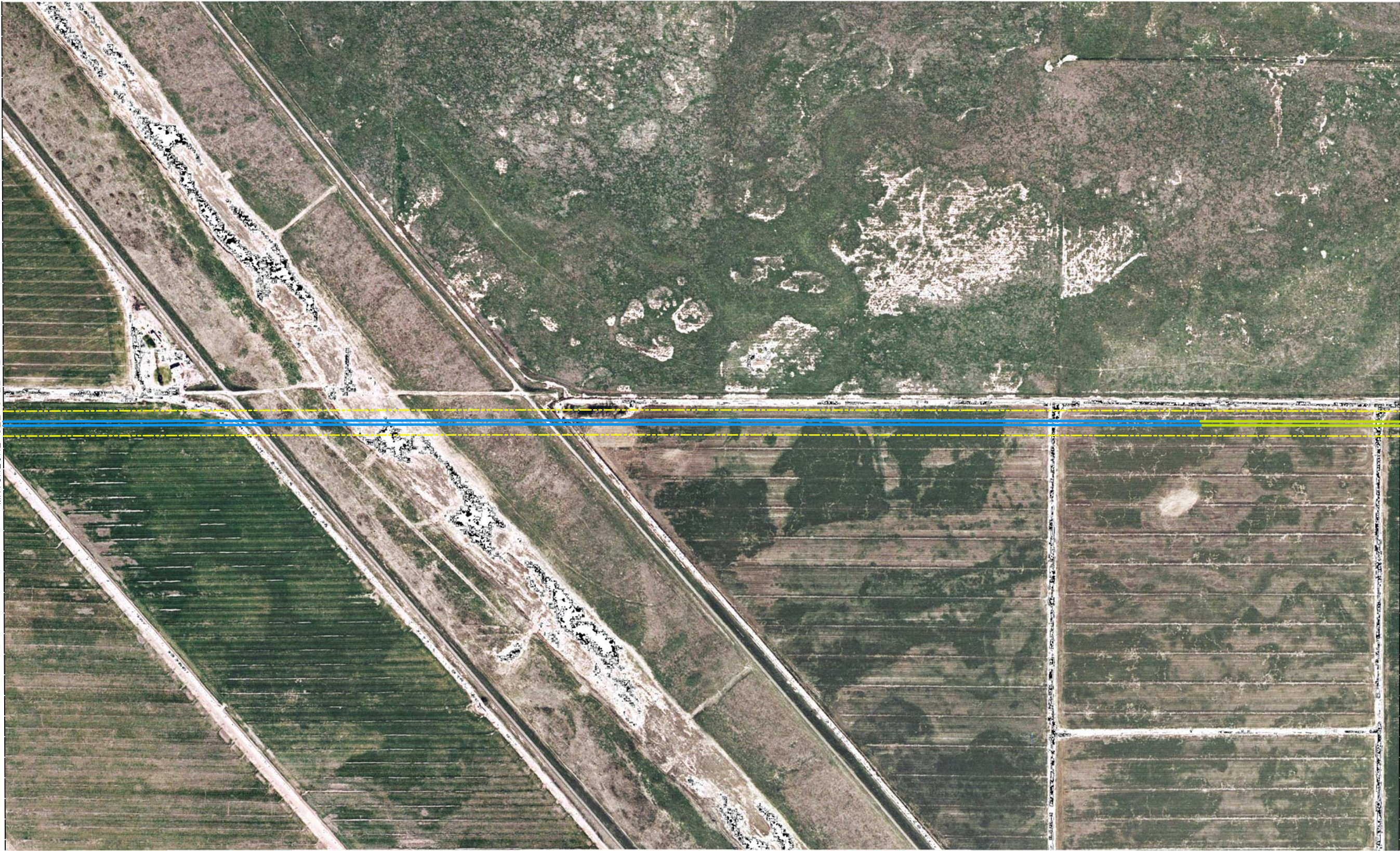
LEGEND:	
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	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
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LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

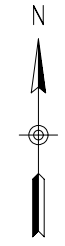
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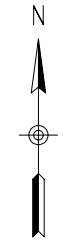
**CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED**

SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	28 OF 37



<p>LEGEND:</p> <ul style="list-style-type: none">AT GRADE ALIGNMENTELEVATED/AERIAL ALIGNMENTUNDERGROUND/TRENCH ALIGNMENTRIGHT-OF-WAYEXISTING ROAD TO BE GRADE SEPARATEDEXISTING ROAD TO BE CLOSED	<p>NOTES:</p> <p>1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.</p> <p>2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.</p>			<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT</p> <p>SAN JOSE TO MERCED</p> <p>SAN JOAQUIN VALLEY CROSSING SUBSECTION</p> <p>HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE</p>	<p>CONTRACT NO. HSR08-05</p> <p>DATE 04/2010</p> <p>SCALE AS SHOWN</p> <p>SHEET NO. 29 OF 37</p>
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MATCHLINE SEE SHEET 29

MATCHLINE SEE SHEET 31



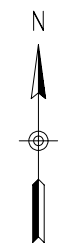
LEGEND:	
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	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
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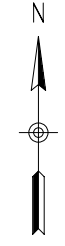


CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	30 OF 37



<p>LEGEND:</p> <ul style="list-style-type: none">AT GRADE ALIGNMENTELEVATED/AERIAL ALIGNMENTUNDERGROUND/TRENCH ALIGNMENTRIGHT-OF-WAYEXISTING ROAD TO BE GRADE SEPARATEDEXISTING ROAD TO BE CLOSED	<p>NOTES:</p> <ol style="list-style-type: none">SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.			<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED</p> <p>SAN JOAQUIN VALLEY CROSSING SUBSECTION HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE</p>	<p>CONTRACT NO. HSR08-05</p> <p>DATE 04/2010</p> <p>SCALE AS SHOWN</p> <p>SHEET NO. 31 OF 37</p>
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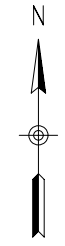
LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
	EXISTING ROAD TO BE CLOSED

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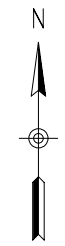


CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
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<p>LEGEND:</p> <ul style="list-style-type: none">AT GRADE ALIGNMENTELEVATED/AERIAL ALIGNMENTUNDERGROUND/TRENCH ALIGNMENTRIGHT-OF-WAYEXISTING ROAD TO BE GRADE SEPARATEDEXISTING ROAD TO BE CLOSED	<p>NOTES:</p> <ol style="list-style-type: none">SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.			<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT SAN JOSE TO MERCED</p> <p>SAN JOAQUIN VALLEY CROSSING SUBSECTION HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE</p>	<table><tr><td>CONTRACT NO.</td><td>HSR08-05</td></tr><tr><td>DATE</td><td>04/2010</td></tr><tr><td>SCALE</td><td>AS SHOWN</td></tr><tr><td>SHEET NO.</td><td>33 OF 37</td></tr></table>	CONTRACT NO.	HSR08-05	DATE	04/2010	SCALE	AS SHOWN	SHEET NO.	33 OF 37
CONTRACT NO.	HSR08-05												
DATE	04/2010												
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LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
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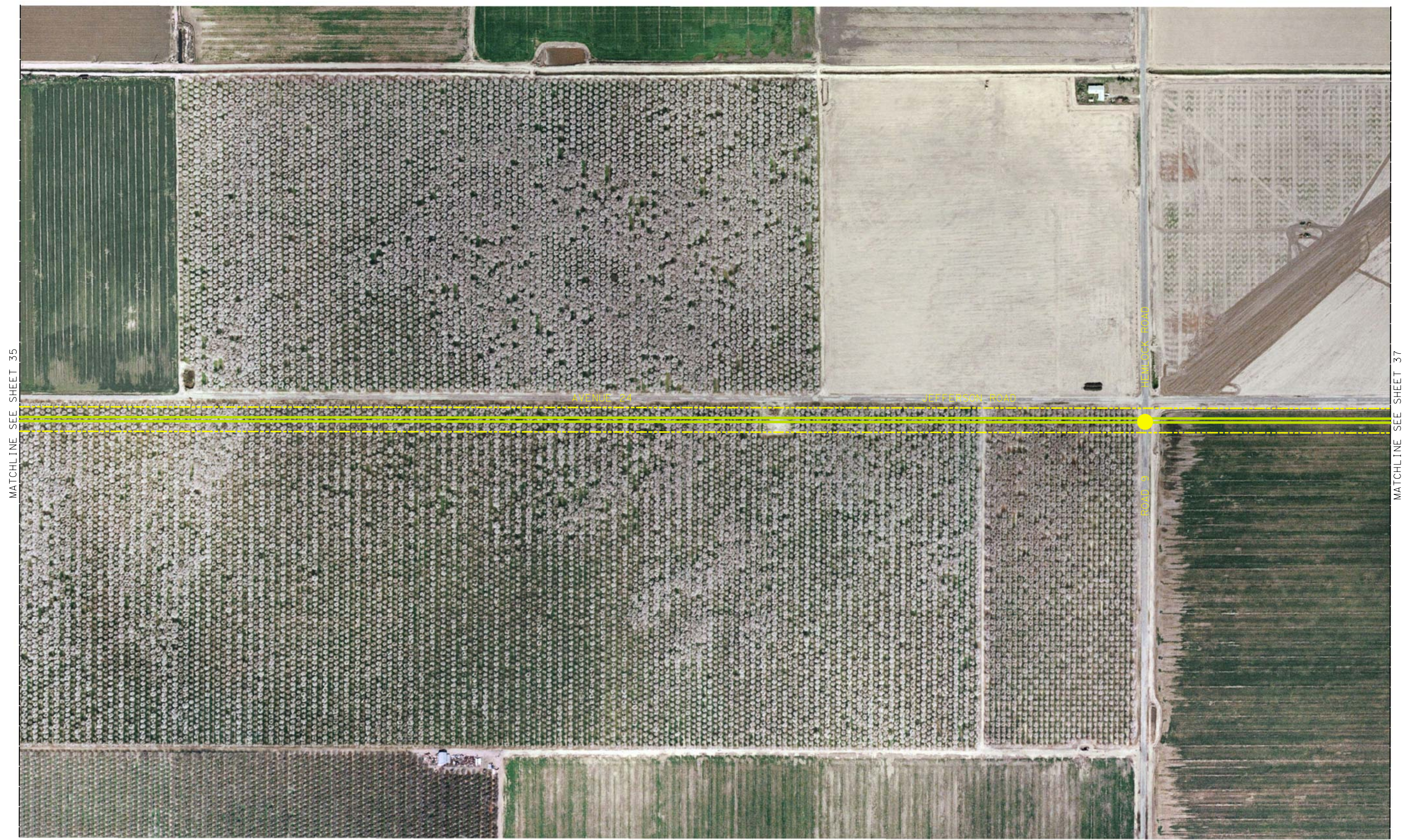


CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE

CONTRACT NO.	HSR08-05
DATE	04/2010
SCALE	AS SHOWN
SHEET NO.	34 OF 37



<p>LEGEND:</p> <ul style="list-style-type: none">AT GRADE ALIGNMENTELEVATED/AERIAL ALIGNMENTUNDERGROUND/TRENCH ALIGNMENTRIGHT-OF-WAYEXISTING ROAD TO BE GRADE SEPARATEDEXISTING ROAD TO BE CLOSED	<p>NOTES:</p> <p>1. SUBJECT TO REVISION DURING PRELIMINARY ENGINEERING AND FINAL DESIGN.</p> <p>2. RIGHT-OF-WAY REQUIRED FOR ROADWAY MODIFICATIONS, GRADE SEPARATIONS AND TEMPORARY CONSTRUCTION EASEMENTS ARE NOT SHOWN.</p>			<p>CALIFORNIA HIGH-SPEED TRAIN PROJECT</p> <p>SAN JOSE TO MERCED</p> <p>SAN JOAQUIN VALLEY CROSSING SUBSECTION</p> <p>HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE</p>	<table border="1"><tr><td>CONTRACT NO.</td><td>HSR08-05</td></tr><tr><td>DATE</td><td>04/2010</td></tr><tr><td>SCALE</td><td>AS SHOWN</td></tr><tr><td>SHEET NO.</td><td>35 OF 37</td></tr></table>	CONTRACT NO.	HSR08-05	DATE	04/2010	SCALE	AS SHOWN	SHEET NO.	35 OF 37
CONTRACT NO.	HSR08-05												
DATE	04/2010												
SCALE	AS SHOWN												
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LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
SAN JOAQUIN VALLEY CROSSING SUBSECTION
HENRY MILLER TO AVENUE 24 ALIGNMENT ALTERNATIVE

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LEGEND:	
	AT GRADE ALIGNMENT
	ELEVATED/AERIAL ALIGNMENT
	UNDERGROUND/TRENCH ALIGNMENT
	RIGHT-OF-WAY
	EXISTING ROAD TO BE GRADE SEPARATED
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CALIFORNIA HIGH-SPEED TRAIN PROJECT
SAN JOSE TO MERCED
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